Claims

1. An interworking method for a data connection between a first terminal **(1)** supporting a first processing scheme and a second terminal **(5)** supporting a second processing scheme, comprising the steps of:
a) checking said first and second processing schemes; and
b) providing an interworking function for adapting said first processing scheme to said second processing scheme, when said checking step indicates that said first processing scheme is not supported by said second terminal.

2. A method according to claim 1, wherein said checking step comprises extracting negotiation symbols indicating said first or second processing schemes during a negotiation processing between said first and second terminals, and comparing said extracted negotiation symbols.

3. A method according to claim 1 or 2, further comprising the step of passing a bit stream via said data connection without adaptation, when said checking step indicates that said first and second processing schemes are the same schemes.

4. A method according to any one of the preceding claims, wherein the first and second processing schemes correspond to first and second call setup negotiations.

5. a method according to claim 4, wherein said first call setup negotiation is an analog setup negotiation via a modem, and said second call setup negotiation is digital setup negotiation.

6. A method according to any one of claims 1 to 3, wherein said first and second processing schemes correspond to first and second error correction schemes.

5   7. A method according to claim 6, wherein said adaptation step comprises replacing a negotiation symbol indicating said first error correction scheme by a negotiation symbol indicating said second error correction scheme, and replacing a negotiation symbol indicating said second error

10   correction scheme by a negotiation symbol indicating the highest common error correction scheme supported by said first terminal **(1)** and said interworking function.

8. A method according to claim 6, wherein said first and

15   second processing schemes correspond to first and second error correction schemes, and wherein said adaptation step comprises replacing a negotiation symbol indicating said first error correction scheme by a negotiation symbol indicating the lowest available error correction scheme,

20   and replacing a negotiation symbol indicating said second error correction scheme by a negotiation symbol indicating the highest error correction scheme supported by said first terminal **(1)** and said interworking function.

25   9. A method according to claim 7, wherein said adaptation step comprises converting data frames comprising said highest common error correction scheme into data frames comprising said second error correction scheme, and converting data frames comprising said second error

30   correction scheme into data frames comprising said highest common error correction scheme supported by said first terminal **(1)** and said interworking function.

10. A method according to claim 8, wherein said adaptation step comprises converting data frames comprising said highest common error correction scheme into data frames comprising said lowest available error correction scheme, and converting data frames comprising said lowest available error correction scheme into data frames comprising said highest common error correction scheme supported by said first terminal (1) and said interworking function.

11. A method according to any one of the preceding claims, wherein said data connection is a multimedia connection.

12. An interworking apparatus for performing an interworking processing in a data connection between a first terminal (1) supporting a first processing scheme and a second terminal (5) supporting a second processing scheme, comprising:
a) checking means (301, 304) for checking said first and second processing schemes; and
b) adaptation means (302, 304) for adapting said first processing scheme to said second processing scheme, when said checking means (301, 304) determines that the first processing scheme is not supported by said second terminal (5).

13. An apparatus according to claim 12, wherein said checking means comprises an extracting means (301) for extracting an information indicating said first or second processing scheme during a negotiation step between said first terminal (1) and said second terminal (5), and a comparing means (304) for comparing said first and second processing schemes based on said extracted information.

14.   An apparatus according to claim 13, further comprising
a buffer means **(305, 306)** for storing said information
indicating said first and second processing schemes,
wherein said comparing means **(304)** is arranged to read said
5   information indicating said first and second processing
schemes from said buffer means **(305, 306)**.

15.   An apparatus according to any one of claims 12 to 14,
further comprising switching means **(303)** for by-passing
10   said adaptation means, when said checking means **(301, 304)**
determines that the first processing scheme is supported by
the second terminal **(5)**.

16.   An apparatus according to any one of claims 12 to 15,
15   wherein said first and second processing schemes correspond
to first and second call setup negotiations.

17.   An apparatus according to claim 16, wherein said first
call setup negotiation is an analog setup negotiation via a
20   modem, and said second call setup negotiation is digital
setup negotiation.

18.   An apparatus according to any one of claims 12 to 15,
wherein said first and second processing schemes correspond
25   to first and second error correction schemes.

19.   An apparatus according to claim 18, wherein said
adaptation means comprises a conversion means **(302)** for
replacing a negotiation symbol indicating said first error
30   correction scheme by a negotiation symbol indicating said
second error correction scheme and for replacing a
negotiation symbol indicating said second error correction
scheme by a negotiation symbol indicating the highest

common error correction scheme supported by said first terminal **(1)** and said error correction apparatus **(31)**.

20. An apparatus according to any one of claims 12 to 15, wherein said first and second processing schemes correspond to first and second error correction schemes, and wherein said adaptation means comprises a conversion means **(302)** for replacing a negotiation symbol indicating said first error correction scheme by a negotiation symbol indicating the lowest available error correction scheme, and for replacing a negotiation symbol indicating said second error correction scheme by a negotiation symbol indicating the highest common error correction scheme supported by said first terminal **(1)** and said error correction apparatus **(31)**.

21. An apparatus according to claim 19, wherein said conversion means **(302)** is arranged to convert data frames comprising said highest common error correction scheme into data frames comprising said second error correction scheme, and to convert data frames comprising said second error correction scheme into data frames comprising said highest common error correction scheme supported by said first terminal **(1)** and said error correction apparatus **(31)**.

22. An apparatus according to claim 20, wherein said conversion means **(302)** is arranged to convert data frames comprising said highest common error correction scheme into data frames comprising said lowest available error correction scheme, and to convert data frames comprising said lowest available error correction scheme into data frames comprising said highest common error correction

scheme supported by said first terminal **(1)** and said error
correction apparatus **(31)**.

23.　An apparatus according to any one of claims 12 to 22,
wherein said interworking apparatus is a network element
(31) having an interworking function.

24.　An apparatus according to any one of claims 12 to 23,
wherein said data connection is a multimedia connection.